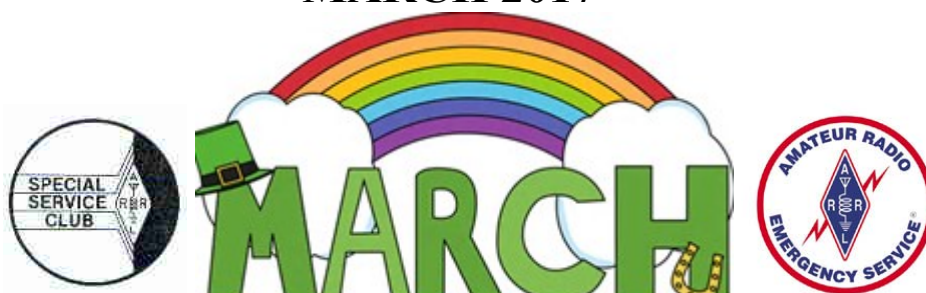


WØMTL — **Hannibal Amateur Radio Club News** — WØKEM

MARCH 2017



2017 HARC OFFICERS

PRESIDENT: DON VARY, KDØHHN -- V-PRES: ED TURNER, NØWNV
TREASURER: LARRY LAUER, WB2UFO
SECRETARY: DAVE MILAM, KBØRZN
TRUSTEE: CLIFF AHRENS, KØCA
EDITOR: DON VARY, KDØHHN
EDITOR EMERITUS: BONNIE SINCLAIR, WBØWAP

NEXT SCHEDULED MEETING:

Wednesday March 8, 2017 at 7:00 PM

H.A.R.C. NEW, PERMANENT MEETING LOCATION

MARION COUNTY AMBULANCE DISTRICT ADMINISTRATIVE OFFICE – 142 JAYCEE DRIVE, HANNIBAL, MISSOURI

Driving Directions (From the South): Route 61 into the city. Continue past the turn off for **MODOT offices**. The next Left is **Clinic Road (Poage Jeep/Chrysler)**. Turn Left onto Clinic Road and continue to the intersection of Communication Drive. Turn Left onto **Communication Drive** and continue to the curve in Communication Drive. Then turn right onto **Jaycee Dr**. The Ambulance District building is the last building on the Right – **142 Jaycee Dr**. Parking is just before you get to the building on the right.

(From the North/East/West): Route 61 south to **Clinic Road (Right turn just past Wendy's)**. Turn right onto Clinic Road and go to intersection of **Communication Drive**. Turn Right onto **Communication Drive** and continue to the curve in Communication Drive. Then turn right onto **Jaycee Dr**. The Ambulance District building is the last building on the Right – **142 Jaycee Dr**. Parking is just before you get to the building on the right.

MONDAY NIGHT WEEKLY NET CALL LIST – MARCH 2017

6 WB2UFO LARRY
13 KDØHHN DON
20 WØPGL TONY
27 KDØYTH STEVE

SCHEDULED FCC VE TEST DATES FOR YEAR OF 2017

DATES FOR 2017 :

APRIL 12, 2017
JULY 12, 2017
OCTOBER 11, 2017

Registration is requested at least 72 hours before the exam session by contacting the team liaison, Larry Lauer at Larry@alauer.com or 573-406-0383. If enough VE's are present at the meeting night, any walk ins will be able to test that evening

The 2017 test fee will be unchanged at \$15.00. It goes to ARRL/VEC. Bring a photo ID (or two non-photo ID's); if currently licensed, bring the original and a photocopy of your valid FCC license; and if you are claiming credit for successful completion of an exam, bring the original and photocopy of any applicable CSCE's.

Exams will take place at 8:00 PM after the regular scheduled HARC meeting.

WALK INS ARE WELCOME.

HARC CLUB DUES:

HARC annual dues are due each January. The dues are very important and are needed to keep repeaters up and running, plus other expenses of the club. The yearly dues fee is \$20.00 per member, & \$5.00 for each additional family member. You can pay at club meetings, or send the money to HARC, P.O. Box 1522 Hannibal Mo, 63401. Thanks!!



HARC MINUTES FOR JANUARY 2017 MEETING



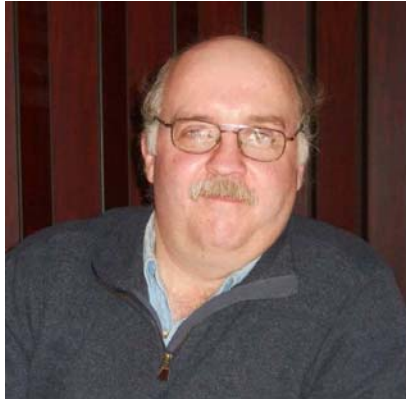
Respectfully submitted by Dave Milam KB0RZN

**Hannibal Amateur Radio Club
Monthly Meeting Minutes
February 8, 2017**

No Meeting held due to lack of a quorum due to weather



**FROM THE PRESIDENT'S DESK
BY DON VARY KDØHHN**



Can you believe this weather. The beginning of the month looked like a typical February with the snow on meeting day, and now we are looking at temperatures in the 70's. The way this year is going, it will probably snow on the 4th of July. Just a reminder on the 28th of this month will be a NWS Storm Spotter class at the Shirley Bowmar building on Munger Lane in Hannibal. The class is free to all, and starts around 6:30 pm. The severe weather conference was this past weekend in Quincy, and all in all I felt was another good conference put on by the Adams County Emergency Management Agency. I strongly recommend going to one of these if you ever get the chance. While not all of the presentations are Amateur Radio directed, they do cover topics that we would be involved in if a disaster were to strike this area, plus it's a good way to meet other hams, EM's and other First Responders and develop a network of contacts that could be useful in the future.

For those who didn't get my email, got a call from Shane Jaeger at the Ambulance District about our equipment. The desk that sits in the corner of the training room is now ours. The HF radios, power supplies and tuners have been set up on them (see attached photos) and when they get the 2 60 foot poles for the antennas, the radios will be hooked up. Cliff, KØCA, has donated a 2 meter radio, so that will give us 2 meter coverage as well. Shane also said the district will be setting a computer up for us on the desk for N1MM logging as well as possibly digital programs such as fldigi, etc. It seems nice to have an agency that wants to work with us and make us feel at home. Also... CALLING ALL TECHNICIANS.... got an email from Cliff from Jim Funk in Quincy. They have some Techs who are interested in a General class, and I know we have some here who have also expressed an interest, so we will be setting up a class. This one will probably run 6-7 Saturdays due to the material covered. Well guess that's all for this month. Stay safe and we'll see you down the log.

73
Don

Donald Vary KD0HHN
Emergency Coordinator - Marion County
ARES® Missouri Section
Amateur Radio Emergency Service®
ARRL Field Instructor & Examiner
NTS Digital Relay Station – Central Area
PH# 573-221-8205
email: kd0hnn@hotmail.com



— Here is a shot of the desk with the 2 HF radios. We will also have a 2 meter radio added and a computer for logging programs and digital modes as well.

DX FROM THE TREASURER'S DESK BY LARRY LAUER WB2UFO



— Larry Lauer, WB2UFO

Some very interesting stories to go along with the list this month. First look at the priorities of the fellow going to Antigua with his wifesometime in July. I will be looking to work him then.

I will also be looking for Niuafo'ou Island just off Tonga. That is a rare one indeed.

Untill next month.

73, Larry

WB2UFO

This bulletin was made possible with information provided by
ARRL, W3MHZ, QRZ DX, the OPDX Bulletin, 425 DX News, The Daily DX, DXNL Thanks to all.

V2, ANTIGUA. Bill, KG4ZXN, will be active as V21XN from Antigua Island (NA-100) sometime in July. Activity is as follows per Bill: "This is a holiday style activation to Antigua. I will be located in the southeast end of the island. My priorities for the trip are my wife, cigars, rum, sun shine and some radio. Not always in that order and sometimes all together.... As for actual operating plan, I will be attempting multiple bands and modes. If you hear me on CW understand that this is a new mode to me and I am going to make mistakes. I will be on in the early hours of the morning while the XYL enjoys sleeping in and in the evenings, provided the rum punch has not taken its toll. Other times will be on a whim. Equipment will be primarily a FT857D, and a YouKits HB1B for some QRP CW work is also making the trip, with an end feed or Buddistick depending where my room is." QSL via his home callsign, direct, eQSL, QRZ or LoTW

GUINEA, 3X. Operators Alain, F5OZC and Sebastien, F8DQZ are QRV as 3XY3D from Kassa Island, IOTA AF-051, until February 26. Activity is on 40 to 10 meters using mainly CW with some SSB. QSL via F5OZC.

UGANDA, 5X. Eric, SM1TDE will be QRV as 5X8EW from Entebbe from February 23 to 26. Activity will be on 40 to 10 meters using CW.

QSL to home call.

SURINAME, PZ. Nico, PA3BVK and Harrie, PA3EHS are QRV as PZ5JW and PZ5HS, respectively, until March 10. Activity is on 40 meters and above using SSB and PSK. QSL via operators' instructions.

BURKINA FASO, XT. Elvira, IV3FSG is here working on the project of Informatici Senza Frontiere ONLUS and QRV in her spare time as XT2SE until March 13. Activity is on 80 to 10 meters using SSB and various digital modes. QSL via IK3GES.

A3, TONGA (Rare IOTA/Update). Masa, JA0RQV, will once again be active from Tonga. This time he will activate Niuafu'ou Island (OC-123) as A35JP/P between March 22-28th [He was originally schedule to go between September 28th and October 4th, 2016, but had to postpone]. It has been 7 years since last activation of A33A (by K6HFA). OC-123 is currently claimed by 17.9% of participants based on IOTA Web site (as of 17th February 2017). Operations will be on 40-6 meters using CW and SSB. His equipment is an IC-7300 (w/100W) into a vertical antenna. QSL via his home callsign, by the Bureau, direct (SASE w/1 IRC), LoTW or ClubLog. For more details and updates, visit his Blog page at:

<http://blog.goo.ne.jp/rqv>

MJ, JERSEY. The Low Land DX Team will return to the Island of Jersey (EU-013) between May 5-11th. A small LLDXT team consisting of Alex/PA1AW, Ron/PA3EWP, Jo/PA9JO and Bob/PB5X will be active from the JARS Signal Point on Jersey. The team will activate all bands between 160 and 2 meters. QSL will be handled by Alex, PA1AW, for all callsigns. The team will have (realtime) on-line logs and QORS using ClubLog and daily uploads to LoTW. For more details and updates, see: <http://www.lldxt.eu/mj2017-lldxt-goes-to-jersey-bci>

PJ4, BONAIRE. Operators Noah/K2NG, Steve/K3SW, David/NA2AA, PJ4DX/PJ4DX and Hans/PJ4LS will be active as PJ4G from Bonaire Island (SA-006) during the ARRL International DX SSB Contest (March 4-5th) as a Multi-2 entry. QSL PJ4G via WA2NHA or LoTW. Look for the U.S. operators to sign PJ4/homecall before and after the contest. U.S. operators will be on the island between February 25th and March 11th. David, NA2AA, is expected to operate on the Digital modes, and skeds are accepted for ATNO with PJ4 via NA2AA's E-mail address listed on QRZ.com. QSL all others via their home callsigns or LoTW. Check out the "PJ4G Radio House" at: <http://www.pj4g.com>

S2, BANGLADESH. Juris, YL2GM, will lead a team of operators to be active as S21GM and S21KW from Bangladesh between March 15-27th. The S21GM call-sign will be used in the first half of their DXpedition, and S21KW during the second half. This is caused by the specifics of the regulations in Bangladesh, and not because they want more duplicated QSOs in the log. They state, "Please do not attempt to make QSOs with both of these call signs on the same bands and modes. Please treat both callsigns as one, thus giving other fellow HAMs better chance to make their QSO with us, potentially All Time New One (ATNO)." Operators mentioned are Juris/YL2GM, Valery/YL3CW, Jack/YL2KA, Kaspars/YL3AIW, Dmitry/UT7UJ, Oleg/US7UX, Sasha/UT7UV, Andrey/UX1UF, Syed/S21ED, Anup/S21TV and possibly two other operators. Activity will be on 160-10 meters using CW, SSB and RTTY. Suggested frequencies are:

CW - 1826.5/1821, 3526, 7019, 10119, 14029, 18086, 21029, 24904 and 28029

SSB - 3795, 7100, 14190, 18140, 21290, 24940 and 28490

RTTY - 3583, 7043, 10136, 14083, 18103, 21083, 24923 and 28083 kHz

QX CW up 2 (160m dwn 2, JA 1810 - 1820).

QSO SSB/RTTY up 5.

QSL via YL2GN, direct, by the Bureau, ClubLog's OQRS (for direct or Bureau) or E-mail requests via [<yl2gn@lral.lv>](mailto:yl2gn@lral.lv). A full LoTW upload will be done in 3 months time after the end of their trip. For more details and updates, see: <http://www.lral.lv/s21gm/index.html>

VP2, MONTserrat. Charles, K1XX, will once again be active as VP2MMF from Montserrat Island (NA-103) between February 25th and March 5th. Activity will be on 160-10 meters using CW and SSB. He also plans to be in the ARRL International DX SSB Contest (March 4-5th). QSL via his home call sign, direct or LoTW.

VP5, TURKS AND CAICOS. Operators John/AF3K and Ross/W2TT will be active VP5/homecall from Turks and Caicos Island between March 23-30th. Activity will be vacation style except for operation in the CQWW WPX SSB Contest (March 25-26th) using the callsign VP5P as a Multi-2 entry. QSL VP5P and VP5/W2TT via W2TT, direct or LoTW. QSL VP5/AF3K via LoTW.

XT2, BURKINA FASO. YL Elvira, IV3FSG, will be active as XT2SE from the city of Ouagadougua between February 17th and March 13th. Activity will be limited to her spare time on 80-10 meters using SSB, RTTY and PSK31. She is there working on a project for the Informatici Senza Frontiere ONLUS. QSL via IK3GES.

ZA, ALBANIA. Operators Kees/PE1KL, Lennart/PD5LKM and YL Lisa/PA2LS will be active as ZA/PA2LS from Albania between March 22-29th. Activity will be on 160-10 meters as well as 6m and 2m using CW, SSB, PSK and RTTY. They will also be in the CQWW WPX SSB Contest (March 25-26th). QSL via PA2LS, direct or by the Bureau.

ZF, CAYMAN ISLANDS. Colin, G4CWH, will once again be active as ZF2CA from the ZF1A club station on Grand Cayman Islands (NA-016) between March 9-13th. Activity will be on 160-10 meters using CW and SSB. His activity will also include an entry in the 80th 2017 BERU (British Commonwealth) (March 11-12th). QSL via his home callsign direct.

Have you ever wanted to operate below the broadcast AM radio band? I did. As a teenager, before getting my ticket, I had a record turntable that transmitted to our radio on the AM below the broadcast band. I had very little radio knowledge at the time, but thought that if I connected a longer antenna to the turntable I could play music to my friends.

I tossed 500 hundred feet of 18 gauge copperweld wire out my bedroom window (top floor of a 20 story building in New York City) up to the roof and across the courtyard. It was truly amazing how well those very low frequencies can get out. I may even try them again. But no music this time. Do read the following article.

73, Larry
WB2UFO

CQ NEWS RELEASE. Rich, W2VU, sent out the following press release on February 15th [edited]:
CQ to Introduce MF/LF Column; John Langridge,
KB5NJD/WG2XIQ, to be Column Editor -

As ham radio operators in the United States await final FCC action to open new amateur bands at 630 meters (472-479 kHz) and 2200 meters (135.7 kHz - 137.8 kHz), CQ magazine is getting a head-start by introducing a column that will help interested hams get ready to "hit the ground running" once the FCC issues its final rules.

The new column - to be titled "MF/LF Operating: Life Below the AM Broadcast Band" - will appear quarterly, starting in the April 2017 issue, and will be edited by John Langridge, KB5NJD/WG2XIQ.

Licensed as a high school student in 1989, John's interest in "life below the AM broadcast band" extends back even further, when, at age 11, he read an article in Radio-Electronics magazine about the unlicensed 1750-meter band (160-190 kHz). He had to content himself with operating on 160 meters until the opportunity arose in 2012 to join the ranks of Part 5 experimental stations authorized by the FCC to conduct propagation research in preparation for the new medium frequency (MF) and low frequency (LF) bands at 630 and 2200 meters respectively. He was granted a construction permit and station license for WG2XIQ and maintains a regular schedule of beacon transmissions and two-way contacts on 630 meters. He also shares tips and posts a "grabber," or bandscope view, of 472 kHz (which updates every 5 minutes) on his website at <http://njdtechnologies.net/>.

In his column, John says he plans to cover a variety of topics, including station building, propagation, news events affecting LF/MF, and operating strategies. "My goal," he says, "is to market the bands to people who know nothing about them." The title of his inaugural column in the April issue is "Ham Radio Below 500 kHz: What is All of This About and Where Should I Start?"

Professionally, John is a consultant in broadcast engineering and information technology, working for a variety of clients. He has a degree in physical chemistry and is currently working toward his Ph.D. in that field. John and his wife, Paula, KD5YHI, live with their pets in the Dallas, Texas, suburbs. John's column will appear in the January, April, July and October issues of CQ.

"We are looking forward to sharing John's knowledge and experience with our readers," says CQ Editor Rich Moseson, W2VU. "CQ has always been a leader in promoting new bands and modes, and in helping hams use and enjoy them. We are already seeing a growing interest in our soon-to-come MF and LF bands and John's column will be here to help our readers get active on them as soon as they become available for general use."

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